



Timothy Brandenburg Drilling Manager

Union Oil Company of California
3800 Centerpoint Drive
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Anchorage, AK 99503
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Email brandenburgt@chevron.com

December 16, 2011

Mr. Chae Park U.S. Environmental Protection Agency Region 10, Water Compliance Section 1200 Sixth Avenue, OW-133 Seattle, WA 98101

RETURN RECEIPT REQUESTED - CERTIFIED MAIL 91 7108 2133 3938 6048 6491

Re:

NPDES Permit No. AKG-31-5001

Granite Point Tank Farm November 2011 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California ("Union") operates the Granite Point Tank Farm that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5001. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the November 2011 NPDES Discharge Monitoring Reports (DMRs) for the Granite Point Tank Farm.

Please take note that Union is using the forms provided by EPA with corrections to accommodate the reporting that is required by the permit. The corrections were approved by your Data Steward in an e-mail to Marilu Moreno-Jones dated September 3, 2010. Union plans to use this same format for our future DMR submittals.

Consistent with the authorization in your e-mail of September 16, 2010, this letter certifies all of the 5 pages of DMRs for Granite Point Tank Farm attached to this letter.

If you have any questions, please direct them to Mr. Bill Britt at (907) 263-7830 or via e-mail at brittb@chevron.com.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

Timothy Brandenburg

cc: ADEC / Certified Mail 91 7108 2133 3938 6048 6507

Mr. Chae Park US Environmental Protection Agency December 16, 2011 Page 2

bcc: Susan Saupe, CIRCAC

Facility Operations Supervisors
HES 2011 NPDES DMR – GPTF File
HES 2011 NPDES DMR – REGIONAL File

Patrick Moore, Exxon-Mobile

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME:

UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

ADDRESS: P.O. BOX 196247

FACILITY: GRANITE POINT TANK FARM

ANCHORAGE, AK 99519-6247

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 11/01/2011 11/30/2011 TO

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge

PARAMETER		QUAN'	TITY OR LOADING			QUALITY OR COM	ICENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
FARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	****	*****	6.5	*****	7.1	SU	0	Weekly	GRAB
00400 V 0 See Comments	PERMIT REQUIREMENT	*****	******	*****	6 MINIMUM	****	9 MAXIMUM	SU		Monthly	GRAB
рН	SAMPLE MEASUREMENT	****	****	*****	NA	****	N/A	NA	NA	NA	NA
00400 W 0 See Comments	PERMIT REQUIREMENT	*****	******	****	6 MINIMUM	***	9 MAXIMUM	SU		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	******	****	*****	*****	NA	NA	NA	NA	NA	NA.
03582 T 0 See Comments	PERMIT REQUIREMENT	*****	******	*****	*****	29 MO AVG	42 DAILY MX	mg/L		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	最高有效效力	*****	*****	*****	17	18	mg/L	0	Weekly	COMP24
03582 U 0 See Comments	PERMIT REQUIREMENT	*****	*****	***	******	29 MO AVG	42 DAILY MX	mg/L		Weekly	COMP24
Flow, in conduit or thru treatment* plant	SAMPLE MEASUREMENT	0.019371	0.034188	Mgal/d	*****	*****	****	*****	NA	Monthly	ESTIMA
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	****	****	****	*****		Monthly	ESTIMA
Produced water, free oil	SAMPLE MEASUREMENT	发布形式出种	NA	NA	*****	*****	*****	*****	NA	NA	NA
79834 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	Req. Mon. MO TOTAL	occur/mo	****	*****	****	*****		Daily	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	supervision accordance with a rystoti designed to assure dist damping between the observing and a source did		TEL	EPHONE	DATE
John Zager, General Manager	information substated. Based on my inquiry of the persian or pureus who manage the system, or those persons decorly responsible for gathering the information, the automation assignated it, is to be best of my knowledge and behelf, true, accurate, and complete I am aware that there are significant penalties for submitting false.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907)	276-7600	12/16/2011
TYPED OR PRINTED	information, including the possibility of fine and imprisonment for knowing violations	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
COMMENTS AND EXPLANATION OF ANY VIOLATIONS	(Reference all attachments here)				

NO DISCHARGE OF PRODUCED SAND IS ALLOWED

T = GRAB SAMPLE

U = COMPOSITE SAMPLE

V = DISCHARGE < 1 MGD (PREVIOUS MONTHS AVG RATE)

W = DISCHARGE > 1 MGD (PREVIOUS MONTH'S AVG RATE)

*Granite Point Tank Farm's outfall was shit in due to freezing conditions on 11/25/2011 at 5:00 pm. There were no discharges of produced water after this date, Discharges will recommence after the spring thaw.

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FACILITY: GRANITE POINT TANK FARM

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

FROM

015-A
DISCHARGE NUMBER

MM/DD/YYYY MM/DD/YYYY

11/01/2011 TO 11/30/2011

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge

PARAMETER		QUANT	TITY OR LOADING	}		QUALITY OR CON	ICENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PAINABLIEN		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N)	SAMPLE MEASUREMENT	***	******	*****	*****	No Sample	No Sample	mg/L	NA	Quarterly	GRAB
00610 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	44444	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Silver total recoverable	SAMPLE MEASUREMENT	****	*****	*****	*****	5	5	ug/L	0	Monthly	GRAB
01079 1 0 Effluent Gross	PERMIT REQUIREMENT	***	****	*****	****	37 MO AVG	74 DAILY MX	ug/L		Monthly	GRAB
Silver total recoverable	SAMPLE MEASUREMENT	****	*****	*****	*****	NA	NA	NA	NA	NA	NA
01079 P 0 See Comments	PERMIT REQUIREMENT	*****	******	*****	****	37 MO AVG	74 DAILY MX	ug/L		Quarterly	CALCTD
Silver total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
01079 Q 0 See Comments	PERMIT REQUIREMENT	****	*****	为他的大龙帝	*****	37 MO AVG	74 DAILY MX	ug/L		Weekly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.3	0.3	mg/L	0	Monthly	GRAB
0109 4 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	****	*****	*****	1.5 MO AVG	3.1 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	****	NA	NA	NA.	NA	NA	NA.
01094 P 0 See Comments	PERMIT REQUIREMENT	***	*****	*****	****	1.5 MO AVG	3.1 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
01094 Q 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	1.5 MO AVG	3.1 DAILY MX	mg/L	4	Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	appearance secondance with a visiting qualities to assure one destruct beareness in ober is figures and examine of		TEL	EPHONE	DATE
John ∠ager, General Manager Mid Continent/Alaska Business Unit	information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the unformations unbinated is, to the best of my knowledge and belief, true, securate, and complete I am aware that there are significant penalties for submitting false.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907)	276-7600	12/16/2011
TYPED OR PRINTED	atternation, including the possibility of face and imprisonment for knowing violations	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P=MONT. REDUCE (II.G.6.a.1.)
Q=MONT INCREASE (II.G.6.a.2.)
R=ACCELERATED TESTING (III.A.7)

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ANCHORAGE, AK 99519-6247

FACILITY: GRANITE POINT TANK FARM

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

MONITORING PERIOD

MM/DD/YYYY MM/DD/YYYY

11/01/2011 TO 11/30/2011

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External Outfall

No Discharge

PARAMETER		QUANT	TTY OR LOADING	;	(QUALITY OR COM	ICENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLI TYPE
TANOMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	6	6	ug/L	0	Monthly	GRAB
01119 1 0 Effluent Gross	PERMIT REQUIREMENT	***	*****	****	****	67 MO AVG	130 DAILY MX	ug/L		Monthly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	****	******	*****	*****	NA NA	NA NA	NA	NA	NA NA	NA
01119 P 0 See Comments	PERMIT REQUIREMENT	有介有业务和	有意为意实者	*****	****	67 MO AVG	130 DAILY MX	ug/L		Quarterly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	****	NA NA	NA	NA	NΑ	NA	NA
01119 Q 0 Gee Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	67 MO AVG	130 DAJLY MX	ug/L		Weekly	GRAE
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	新安全教授	0.1	0.1	mg/L	0	Monthly	GRAE
11123 1 0 Effluent Gross	PERMIT REQUIREMENT	****	****	****	*****	6.1 MO AVG	12.3 DAILY MX	mg/L		Monthly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA.	NA	NA	NA
I 1123 P 0 See Comments	PERMIT REQUIREMENT	*****	****	****	李敬俊安夫 命	6.1 MO AVG	12.3 DAILY MX	mg/L.		Quarterly	GRAB
langanese, total recoverable	SAMPLE MEASUREMENT	****	****	*****	****	NA	NA.	NA	NA	NA	NA
1123 Q 0 See Comments	PERMIT REQUIREMENT	*****	****	****	****	6.1 MO AVG	12.3 DAILY MX	mg/L		Weekly	GRAB
otal Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA NA	NA	NA	NA	NA
9942 1 0 Effluent Gross	PERMIT REQUIREMENT	****	食物物质素	******	活业场最待的	14 MO AVG	20 DAILY MX	mg/L		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	sublict sitted according white a system arrelation to assorte that desputes because it is ideal. Tause and extense inc		TELEPHONE	DATE
John Zager, General Manager Mid Continent/Alaska Business Unit	information submitted. Based on my inquiry of the person or possens who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete I am aware that there are significant penalties for submitting false	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907) 276-7600	12/16/2011
TYPED OR PRINTED	information, including the possibility of fine and imprisonment for knowing violations		AREA Code NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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ANCHORAGE, AK 99519-6247 FACILITY: GRANITE POINT TANK FARM

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 11/01/2011 11/30/2011

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External Outfall

No Discharge

PARAMETER		QUANT	TITY OR LOADING		(QUALITY OR COM	CENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	Ĭ		
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	****	*****	*****	*****	NA	NA NA	NA	NA	NA	NA
39942 P 0	PERMIT	****	*****	*****	****	14 MO AVG	20 DAILY MX	mg/L		Quarterly	GRAB
See Comments	REQUIREMENT					MIO AVG	DAILTIVIA			,	
Total Aromatic Hydrocarbons**	SAMPLE MEASUREMENT	*****	*****	*****	*****	13	15	mg/L	0	Weekly	GRAB
39942 Q 0 See Comments	PERMIT REQUIREMENT	****	****	*****	*****	14 MO AVG	20 DAILY MX	mg/L		Weekly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	****	冷水水水 南条	*****	****	12	12	mg/L	0	Monthly	GRAB
50259 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Monthly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	米尔安安	游泳水坑水塘	*****	****	NA	NA	NA	NA	NA	NA
50259 P 0 Effluent Gross	PERMIT REQUIREMENT	資內資金資	有水布物水	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	****	*****	*****	*****	NA	NA	NA	NA	NA	NA
50259 Q 0 Effluent Gross	PERMIT REQUIREMENT	****	神教女士女士	*****	****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	GRAB
Mercury, total (as Hg)	SAMPLE MEASUREMENT	****	****	****	***	0.2	0.2	ug/L	0	Monthly	GRAB
71900 1 0 Effluent Gross	PERMIT REQUIREMENT	****	水沙 食 新水 蒙	*****	*****	3,1 MO AVG	7.9 DAILY MX	ug/L		Monthly	GRAB
Mercury, total (as Hg)	SAMPLE MEASUREMENT	****	****	*****	****	NA	NA	NA	NA	NA	NA
71900 P 0 See Comments	PERMIT REQUIREMENT	****	*****	******	wan kam	3.1 MO AVG	7.9 DAILY MX	ug/L		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	sobet sixtot speciations, and a sharest designed to associative distinction by acquired by ober is Rantel and example; one		TELEPHONE	IE DATE
John Zager, General Manager	information submitted Based on by inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information the information submitted is, to the best of my knowledge and belief, true, accurate, and complete 1 and aware that there are agolificant penalties for submitting false.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907) 276-76	600 12/16/2011
TYPED OR PRINTED	information, including the pensibility of fine and imprisonment for knowing violations	OR AUTHORIZED AGENT	AREA Code NUME	BER MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

**Increased monitoring to once per week due to exceedence of the monthly average limit in August 2011 (Section II.G.6.a.2 of permit) will no longer continue. GPTF shut in their outfall for the winter freeze on November 25, 2011, concluding the consecutive 3 months of accelerated testing.

P=MONT. REDUCE (II.G.6.a.1.) Q=MONT INCREASE (II.G.6.a.2.) R=ACCELERATED TESTING (III.A.7)

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DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge

PARAMETER		QUAN	TITY OR LOADING	3		QUALITY OR CON	ICENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Mercury, total (as Hg)	SAMPLE MEASUREMENT	****	*****	*****	*****	NA	NA	NA	NA	NA	NA
71900 Q 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	****	3,1 MO AVG	7.9 DAILY MX	ug/L		Weekly	GRAB
Toxicity, Chronic*** Dendraster excentricus	SAMPLE MEASUREMENT	****	*****	*****	****	No Sample	No Sample	NA	NA	NA	NA
TT000 1 0 See Comments	PERMIT REQUIREMENT	*****	****	*****	*****	1341 MO AVG**	2691 DAILY MX**	toxic		See Permit	GRAB
Toxicity, Chronic*** Menidia beryllina	SAMPLE MEASUREMENT	*****	*****	*****	*****	No Sample	No Sample	NA	NA	NA	NA
TT000 1 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	1341 MO AVG**	2691 DAILY MX**	toxic		See Permit	GRAB
Toxicity, Chronic*** Mytilus galloprovincialis	SAMPLE MEASUREMENT	****	*****	*****	****	No Sample	No Sample	NA	NA	NA	NA
TT000 1 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	1341 MO AVG**	2691 DAILY MX**	toxic		See Permit	GRAB
Toxicity, Chronic	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
TT000 R 0 See Comments	PERMIT REQUIREMENT	****	*****	****	*****	1341 MO AVG	2691 DAILY MX	toxic		See Permit	GRAB
Toxicity, Chronic	SAMPLE MEASUREMENT	黄金黄黄素	****	*****	*****	NA	NA	NA	NA	NA	NA
TT000 Q 0 Effluent Gross	PERMIT REQUIREMENT	计杂音音音	*****	*****	*****	1341 MO AVG	2691 DAILY MX	toxic		See Permit	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	substantial accountics with a system designed to stante that destruct be aware the Model to Rance and account of		TEI	LEPHONE	DATE
John Zager, General Manager Mid Continent/Alaska Business Unit	information authentical. Hased on my inquiry of the person or persons who manage the system, or those persons describly responsible for gathering the information, the undermations authentical is, to the best of my knowledge and betted, true, nocurate, and complete I am aware that there are significant penalties for submitting false	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907)	276-7600	12/16/2011
TYPED OR PRINTED	asformation, including the possibility of fine and impresentated for knowing violations	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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**Section II.F.4 of the permit,

P=MONT, REDUCE (II.G.6.a.1.)

Q=MONT INCREASE (II.G.6.a.2.)

R=ACCELERATED TESTING (III.A.7)

^{***}Granite Point Tank Farm conducted its annual three species WET testing in August 2011. Results were reported on the September 2011 DMR. Quarterly single species WET testing was done in October 2011 and results were reported on the October 2011 DMR.